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PTO/SB/08A (08-00)

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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 12

Application Number	09/771433
Filing Date	01/26/01
First Named Inventor	Voellmicke
Group Art Unit	
Examiner Name	
Attorney Docket Number	DEP 530

### U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
All considered TGS	AA	2,158,593		W. Scrimgeour	05-16-1939	
	AB	3,179,107		R. M. Clark	04-20-1965	
	AC	3,223,083		M. C. Cobey	12-14-1965	
	AD	4,040,420		Spencer J. Speer	08-09-1977	
	AE	4,274,163		Lawrence L. Malcom et al.	06-23-1981	
	AF	4,359,049		Heinz Redl et al.	11-16-1982	
	AG	4,362,567		Otto Schwarz et al.	12-07-1982	
	AH	4,405,249		John T. Scales	09-20-1983	
	AI	4,414,976		Otto Schwarz et al.	11-15-1983	
	AJ	4,526,303		Christopher G. C. Harrod	07-02-1985	
	AK	4,526,909		Marshall R. Urist	07-02-1985	
	AL	4,539,716		Eugene Bell	09-10-1985	

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				
All considered TGS	BA	EP	0 711 535		Osteonics Corp.	05-15-1996		
	BB	EP	0 901 773		David E. Gibbs	03-17-1999		
	BC	EP	0 855 022		Johnson & Johnson Professional Inc.	11-10-1999		
	BD	PCT	98/28117		Bd. of Rents, University of Texas	09-19-1996		
	BE	PCT	98/16267		University College Dublin	04-23-1998		
	BF	PCT	99/13805		Osteotech, Inc.	03-25-1999		
	BG	PCT	00/45870		SDGH Holdings, Inc.	08-10-2000		

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T. Scales

Date  
Considered

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2/14

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**INFORMATION DISCLOSURE  
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Sheet 2 of 12

Application Number	09/771433
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First Named Inventor	Voellmicke
Group Art Unit	
Examiner Name	
Attorney Docket Number	DEP 530

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		Number	Kind Code <sup>2</sup> (if known)			
All considered P.S.	AM	4,551,135		William G. Gorman et al.	11-05-1985	
	AN	4,593,685		William F. McKay et al.	06-10-1986	
	AO	4,608,199		Arnold Caplan et al.	08-26-1986	
	AP	4,609,551		Arnold Caplan et al.	09-02-1986	
	AQ	4,625,722		William M. Murray	12-02-1986	
	AR	4,627,434		William M. Murray	12-09-1986	
	AS	4,629,455		Michio Kanno	12-16-1986	
	AT	4,631,055		Heinz Redl et al.	12-23-1986	
	AU	4,632,672		James R. Kvitrud	12-30-1986	
	AV	4,653,487		Gerhard E. Maale	03-31-1987	
	AW	4,714,457		Robert Alterbaum	12-22-1987	
	AX	4,735,616		Johann Eibl et al.	04-05-1988	

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3/14

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Sheet 3 of 12

Application Number	09/771433
Filing Date	01/26/01
First Named Inventor	Voellmicke
Group Art Unit	
Examiner Name	
Attorney Docket Number	DEP 530

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		Number	Kind Code <sup>2</sup> (if known)			
All considered Yes	AY	4,743,229		George Chu	05-10-1988	
	AZ	4,751,921		Joon B. Park	06-21-1988	
	AAA	4,769,011		James R. Swaniger	09-06-1988	
	AAB	4,801,263		William C. Clark	01-31-1989	
	AAC	4,820,306		William G. Gorman et al.	04-11-1989	
	AAD	4,842,581		Richard C. Davis	06-27-1989	
	AAE	4,871,088		John P. A. Cox	10-03-1989	
	AAF	4,874,368		Curtis H. Miller et al.	10-17-1989	
	AAG	4,882,149		Myron Spector	11-21-1989	
	AAH	4,950,296		Jonathan L. McIntyre	08-21-1990	
	AAI	4,978,336		Emil E. Capozzi	12-18-1990	
	AAJ	4,979,942		Stephen J. Wolf et al.	12-25-1990	

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4/14

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 4 of 12

Application Number 09/771433

Filing Date 01/26/01

First Named Inventor Voellmicke

Group Art Unit

Examiner Name

Attorney Docket Number DEP 530

## U.S. PATENT DOCUMENTS

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		Number	Kind Code <sup>2</sup> (if known)			
All considered - PDS	AAK	4,994,065		Rebecca Gibbs et al.	02-19-1991	
	AAL	5,010,009		John Steele et al.	04-23-1991	
	AAM	5,030,215		Brenda S. Morse et al.	07-09-1991	
	AAN	5,049,135		Richard C. Davis	09-17-1991	
	AAO	5,104,375		Stephen J. Wolf et al.	04-14-1992	
	AAP	5,110,604		George H. Chu et al.	05-05-1992	
	AAQ	5,112,354		Bryan S. Sires	05-12-1992	
	AAR	5,116,315		Emil E. Capozzi et al.	05-26-1992	
	AAS	5,133,756		Gerd Bauer et al.	07-28-1992	
	AAU	5,152,763		Lanny L. Johnson	10-06-1992	
	AAV	5,181,918		Gerd Brandhorst et al.	01-26-1993	
	AAW	5,185,001		Dennis K. Galanakis	02-09-1993	

## FOREIGN PATENT DOCUMENTS

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				

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5/14

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 5 of 12

Application Number	09/771433
Filing Date	01/26/01
First Named Inventor	Voellmicke
Group Art Unit	
Examiner Name	
Attorney Docket Number	DEP 530

## U.S. PATENT DOCUMENTS

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		Number	Kind Code <sup>2</sup> (if known)			
All considered	AAX	5,193,907		Giovanni Faccioli et al.	03-16-1993	
	AAY	5,197,985		Arnold I. Caplan et al.	03-30-1993	
	AAZ	5,226,877		Gordon H. Epstein	07-13-1993	
	ABA	5,226,914		Arnold I. Caplan et al.	07-13-1993	
	ABB	5,232,024		Eli Williams	08-03-1993	
	ABC	5,290,259		Dan E. Fischer	03-01-1994	
	ABD	5,314,412		Jom Rex	05-24-1994	
	ABE	5,322,510		Andreas Lindner et al.	06-21-1994	
	ABF	5,368,563		Alan Lonneman et al.	11-29-1994	
	ABG	5,376,079		Niels E. Holm	12-27-1994	
	ABH	5,405,607		Gordon H. Epstein	04-11-1995	

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Sheet 6 of 12

Application Number	09/771433
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First Named Inventor	Voellmicke
Group Art Unit	
Examiner Name	
Attorney Docket Number	DEP 530

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9 ABJ ABK ABL ABM ABN ABO ABP ABQ ABR ABT	ABI	5,435,845		Giovanni Faccioli et al.	07-25-1995	
	ABJ	5,443,531		Ugo Ripamonti	08-22-1995	
	ABK	5,464,396		Helmut Barta et al.	11-07-1995	
	ABL	5,474,540		Curtis Miller et al.	12-12-1995	
	ABM	5,478,323		Donald C. Westwood et al.	12-26-1995	
	ABN	5,477,987		Wilhelm A. Keller	12-26-1995	
	ABO	5,486,359		Arnold I. Caplan et al.	01-23-1996	
	ABP	5,520,658		Niels E. Holm	05-28-1996	
	ABQ	5,558,136		Michael R. Orrico	09-24-1996	
	ABR	5,577,517		Peter M. Bonutti	11-26-1996	
V	ABS	4,109,653		George Kozam et al.	08-29-1978	
	ABT	5,605,255		Guillermo Reidel et al.	02-25-1997	

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				

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Sheet 7 of 12

Application Number 09/771433

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Group Art Unit

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Attorney Docket Number DEP 530

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All considered TOS	ABU	5,805,541		Niels-Erik Holm	02-25-1997	
	ABV	5,685,087		Albert Linder et al.	09-09-1997	
	ABW	5,645,729		James W. Prieznitz	07-08-1997	
	ABX	5,694,951		Peter M. Bonutti	12-09-1997	
	ABY	5,697,932		Margaret E. Smith et al.	12-18-1997	
	ABZ	5,700,289		Arnold S. Breitbart et al.	12-23-1997	
	ACA	5,718,707		W. E. Michael Mikhail	02-17-1998	
	ACB	5,718,899		Anthony George Gristina et al.	02-17-1998	
	ACC	5,772,665		Hakan Lars Christer Glad et al.	08-30-1998	
	ACD	5,810,773		Lesley Pesnicak	09-22-1998	
	ACE	5,810,885		Freddy Zinger	09-22-1998	
	ACF	5,824,084		George Frederick Muschler	10-20-1998	

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	<b>Filing Date</b>	01/26/01
	<b>First Named Inventor</b>	Voellmicke
	<b>Group Art Unit</b>	
	<b>Examiner Name</b>	
	<b>Attorney Docket Number</b>	DEP 530

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	ACI	5,769,895		Ugu Ripamonti	08-23-1998	
	ACJ	5,788,976		David S. Bradford	08-04-1998	
	ACK	5,910,315		Sharon Stevenson et al.	08-08-1999	
	ACL	5,925,051		W.E. Michael Mikhail	07-20-1999	
	ACM	5,976,102		Gordon H. Epstein	11-02-1999	
	ACN	5,975,367		Philip H. Coelho et al.	11-02-1999	
	ACO	5,989,215		Yves Delmotte et al.	11-23-1999	
	ACP	6,001,259		Elaine Whitmore	12-14-1999	
	ACQ	6,007,515		Gordon Howard Epstein et al.	12-28-1999	
	ACR	6,019,765		Thomas Thornhill et al.	02-01-2000	

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Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>3</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				

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9/14

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 9 of 12

Application Number	09/771433
Filing Date	01/26/01
First Named Inventor	Voellmicke
Group Art Unit	
Examiner Name	
Attorney Docket Number	DEP 530

### U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
A11 Can 5-10-02 7-15-05	ACS	6,021,961		Daniel P. Brown	02-08-2000	
	ACT	6,045,555		Margaret E. Smith et al.	04-04-2000	
	ACU	6,049,026		George Frederick Muschler	04-11-2000	
	ACV	6,047,861		Claude Vidal et al.	04-11-2000	
	ACW	6,059,749		Gerard Marx	05-09-2000	
	ACX	6,063,055		Gordon Howard Epstein et al.	05-16-2000	
	ACY	6,086,594		Byron L. Brown	07-11-2000	
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	ADC	6,120,174		Stephen H. Hoag et al.	09-19-2000	
	ADD	6,132,396		Richard D. Antanavich et al.	10-17-2000	

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				

Examiner  
Signature

T. Soohoo

Date  
Considered

1-31-06

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STATEMENT BY APPLICANT**

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Sheet 10 of 12

Application Number	09/771433
Filing Date	01/26/01
First Named Inventor	Voellmicke
Group Art Unit	
Examiner Name	
Attorney Docket Number	DEP 530

**U.S. PATENT DOCUMENTS**

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		Number	Kind Code <sup>2</sup> (if known)			
All considered PO S	ADE	6,139,509		Hansen Yuan et al.	10-31-2000	
	ADF	6,142,998		Margaret E. Smith et al.	11-07-2000	
	ADG	6,149,655		Brent R. Constantz et al.	11-21-2000	
	ADH	6,160,033		Berthold Nies	12-12-2000	
	ADI	6,176,607		Mohammed Ali Hajianpour	01-23-2001	
	ADJ	6,210,031		William M. Murray	04-03-2001	
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	AND	6,238,399		Mathias Heller et al.	05-29-2001	
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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 11 of 12

Application Number 09/771433

Filing Date 01/26/01

First Named Inventor Voellmicke

Group Art Unit

Examiner Name

Attorney Docket Number DEP 530

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		Number	Kind Code <sup>2</sup> (if known)			
	ADR	2001/0016703		John Wironen et al.	08-23-2001	
	ADS	6,293,971		Carl Nelson et al.	09-25-2001	
	ADT	6,302,574		Kwan-Ho Chan	10-16-2001	
	ADU	6,309,395		Margaret F. Smith et al.	10-30-2001	
	ADV	6,309,420		Howard Preissman	10-30-2001	
	ADW	2001/0037091		John F. Wironen et al.	11-01-2001	
	ADX	6,312,149		Peter Ake Sjovali et al.	11-06-2001	
	ADY	2002/0010471		John F. Wironen et al.	01-24-2002	
	ADZ	2002/0010472		Stephen D. Kuslich et al.	01-24-2002	
	AEA	2002/0013553		Heinrich Pajunk et al.	01-31-2002	
	AEB	6,348,055		Howard Preissman	02-19-2002	

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				

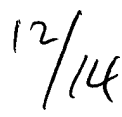
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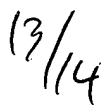
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Page 1 of 1

<b>Application Number</b>	09/771,433
<b>Filing Date</b>	January 26, 2001
<b>First Named Inventor</b>	Voellimicke et al.
<b>Group Art Unit</b>	3732
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	DEP-530

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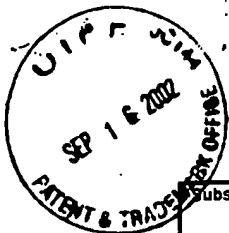
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## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary) Sheet 1 of 1	<b>Application Number</b>	09/771,433
	<b>Filing Date</b>	January 26, 2001
	<b>First Named Inventor</b>	John C. Voellmicke et al.
	<b>Group Art Unit</b>	3732
	<b>Examiner Name</b>	
	<b>Attorney Docket Number</b>	DEP-530

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		Number	Kind Code <sup>2</sup> (if known)			
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		Office <sup>3</sup>	Number <sup>4</sup>	KindCode <sup>5</sup>				
TGS		WO	84/00340	A	Baxter Travenol Lab	02/02/1984		
TGS		WO	95/20408	A	Hyprotek et al.	08/03/1995		

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